

Amendments to the Specification

Please amend the paragraph on page 4 line 28 to page 5 line 11 as follows:

The present invention in one aspect provides an air handling system for an indoor space comprising

- a first forced indoor air treatment component,
- an input indoor air duct element and an output treated air duct element respectively coupling said first forced indoor air treatment component to said indoor space,
- a second forced air treatment component
- a stale air duct element coupled to said second forced air treatment component and to said input indoor air duct element,
- a ~~return~~ primary output air duct element coupling said second forced air treatment component to said output treated air duct element

characterized in that said system comprises

a further secondary output air path means ~~for~~ coupling said ~~return~~ primary output air duct element to said input indoor air duct element. In accordance with the present invention the further secondary output air path means may comprise an air duct element having a first end coupled to the primary output air duct element and a second end coupled to the input indoor air duct element.

Please amend the paragraph on page 5 line 18 to page 6 line 8 as follows:

The present invention thus provides, in particular, an air handling system for an indoor space comprising

- a forced air treatment component (e.g. forced air furnace component),
- an input indoor air duct element (i.e. air path element) and an output treated (e.g. heated) air duct element (i.e. air path element) respectively coupling said forced air treatment component (e.g. furnace component) to said indoor space,
- a forced fresh air ventilator component for discharging stale air from the indoor space (i.e. at least a portion of stale air entering the input indoor air duct) to an outdoor environment and for replacing the discharged air with make-up air from the outdoor environment, said fresh air ventilator component comprising stale air input means coupled to a stale air output means and fresh make-up air input means coupled to a ~~return~~ fresh air

output means

a stale air duct element(i.e. air path element) coupled to said stale air input means and to said input indoor air duct element,

a ~~return~~ primary fresh air duct element (i.e. air path element) coupling said ~~return~~ fresh air output means to said output treated (e.g. heated) air duct element

characterized in that said system comprises

a further secondary fresh air path means for coupling said ~~return~~ fresh air output means to said input indoor air duct element. In accordance with the present invention the further secondary fresh air path means may comprise an air duct element having a first end coupled to the fresh air output means and a second end coupled to said input indoor air duct element.

Please amend the paragraph on page 6 line 10 to page 7 line 1 as follows:

In accordance with another aspect the present invention provides an air manifold component or element, for an air handling system for an indoor space said air handling system comprising

a first forced indoor air treatment component,

an input indoor air duct element and an output treated air duct element respectively coupling said first forced indoor air treatment component to said indoor space,

a second forced air treatment component

a stale air duct element coupled to said second forced air treatment component and to said input indoor air duct element,

a ~~return~~ primary output air duct element coupling said second forced air treatment component to said output treated air duct element, said primary output air duct element comprising said manifold component,

and

a further secondary output air path means for coupling said ~~return~~ primary output air duct element to said input indoor air duct element, wherein said further secondary output air path means comprises an air duct element having a first end for being coupled to said manifold component and a second end for being coupled to said input indoor air duct element,

said manifold component or element comprising an air inlet, a first air outlet, a second air outlet, a first damper element associated with said first air outlet, a second damper element associated with said second air outlet, said air inlet being configured for being coupled to said second forced air treatment component ~~return air duct element~~, said first air outlet being configured for being coupled to said output treated air duct element ~~so as to define an upstream connection between the manifold element and the output treated air duct element~~, and said second outlet being configured for being coupled to said first end of said further secondary output air path means.

Please amend the paragraph on page 8 lines 17 to 29 as follows:

Thus an air handling system in accordance with the present invention may comprise a first air flow control means comprising a first damper element associated with said ~~return~~ primary output (e.g. fresh) air duct, said first damper element being displaceable between a blocking configuration (i.e. a closed configuration) and a non-blocking configuration (i.e. an open configuration),
a second air flow control means comprising a second damper element associated with said ~~reflux air duct~~ further secondary output (e.g. fresh) air path means, said second damper element being displaceable between a blocking configuration (i.e. an closed configuration) and a non-blocking configuration (i.e. an open configuration),
and
wherein in said respective blocking configuration, said first and second damper elements are respectively disposed to close off said ~~return~~ primary output (e.g. fresh) air duct and said ~~reflux air duct~~ further secondary output (e.g. fresh) air path means to air flow, and in said respective non-blocking configuration, said first and second damper elements are respectively disposed such that air is able to circulate through said ~~return~~ primary output (e.g. fresh) air duct and said ~~reflux air duct~~ further secondary output (e.g. fresh) air path means .

Please amend the paragraph on page 10 lines 22 to 29 as follows:

In accordance with the present invention, the ~~return~~ primary output (e.g. fresh) air duct may comprise a manifold component or element. The manifold (or enclosure) element may comprise an air inlet, a first air outlet and a second air outlet. The air inlet may be coupled to the return air output means of a forced fresh air ventilator component. The first air outlet may be coupled to the ~~heated~~ treated (e.g. heated)

air duct element i.e. so as to define an upstream connection between the manifold element and the ~~heated~~ treated (e.g. heated) air duct. The ~~reflux air duct further secondary output (e.g. fresh) air path means~~ may be coupled to the second air outlet. The first damper element may be associated with the upstream connection. More particularly, ~~the~~ a first damper element may be associated with the first outlet. Similarly ~~the~~ a second damper may be associated with the second outlet.

Please amend the paragraph on page 17 lines 16 to 20 as follows:

Referring to figures 1 and 3, the fresh air ventilator component 7 is coupled to the ~~an~~ input indoor air duct 3a and the output heated air duct 5a respectively by a stale air duct 33 and a primary output (e.g. fresh) air duct 35. Thus as may be seen the stale air duct 33 (i.e. air path element) is coupled to the stale air input means 21 and to the input indoor air duct 3a; the return air duct 35 (i.e. air path element) couples the return air output means 27 to said ~~heated~~ treated (e.g. heated) air duct 5a.

Please amend the paragraph on page 18 lines 17 to 23 as follows:

Turning back to figure 1, the illustrated air handling system, in accordance with the present invention, additionally comprises a further ~~reflux~~ secondary output (e.g. fresh) air duct element 41; the further secondary output (e.g. fresh) air duct element 41 has a first end designated generally by the reference number 41a and a second end designated generally by the reference number 41b. If appropriately configured the further ~~reflux~~ secondary output (e.g. fresh) air duct element 41 may provide the desired or necessary air ~~return~~ to the front end of the furnace ductwork without more elements. However, as shown in figure 1 the portion of the ductwork encircled by the circle designated by the reference numeral 43 may further comprise a first air flow control means and a second air flow control means as shall be discussed below with respect to figures 4 to 7, i.e. the encircled portion of figure 1 reflects a schematic view of a manifold component.

Please amend the paragraph on page 18 lines 25 to 28 as follows:

The purpose of the further ~~reflux~~ secondary output (e.g. fresh) air duct element 41 is to provide an air path for ~~the return of~~ fresh air to the input indoor air duct element 3a which feeds air to the furnace component. Thus the further ~~reflux~~ secondary output (e.g. fresh) air duct element 41, in any (known) manner, is coupled to the ~~return~~

primary output (e.g. fresh) air duct 35 (i.e. at the first end 41a) and to the input indoor air duct element 3a (i.e. at the second end 41b) .

Please amend the paragraph on page 19 lines 1 to 10 as follows:

Referring to Figures 4 to 7 the same reference numerals will be used to ~~designated~~ designate common elements. Figures 4 to 7 generally illustrate in schematic fashion example embodiments of manifold components in accordance with the present invention. The example manifold components have an air inlet indicated generally by the reference number 44. The manifold components have a first air outlet indicated generally by the reference number 44a and a second air outlet indicated generally by the reference number 44b. The first air flow control means, inter alia, comprises a first damper element 50 and the second air flow control means, inter alia, comprises a second damper element 52. Each of the damper elements 50 and 52 has a respective broad side face 54 and 55 against which air flow through respective ductwork may impinge, i.e. the damper elements 50 and 52 have a projected area exposed to airflow for air flow blocking purposes. A damper element may also (as discussed below) be associated with a damper bias member. A damper bias member may take on any desired or necessary form including but not limited to springs, weights, etc. as well as combinations thereof; the biasing force exerted by a bias member is of course to be calibrated keeping in mind the purpose of the damper element with which it is associated.

Please amend the paragraph on page 19 lines 12 to 19 as follows:

As may be seen from Figure 1 as well as figures 4 to 7 the first damper element 50 is associated with the ~~return~~ primary output (e.g. fresh) air duct element 35. Similarly, the second damper element 52 is associated with the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41. Such associations shall be discussed in more detail below. However, as seen in Figures 4 to 7, the ~~return~~ primary output (e.g. fresh) air duct element 35 is coupled to the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41 and the heated air duct element 5a so that an end portion of the ~~return~~ primary output (e.g. fresh) air duct element 35 defines an upstream duct member 35a. The upstream duct member 35a, as seen, is between the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41 and the heated air duct element 5a, i.e. the upstream duct member 35a defines an upstream (duct) connection.

Please amend the paragraph on page 19 lines 24 to 28 as follows:

The first damper element 50 is displaceable independently of the second damper element 52 between a blocking configuration and a non-blocking configuration. When in the blocking configuration, the first damper element 50 is disposed to close or choke off the ~~return~~ primary output (e.g. fresh) air duct element 35 to air flow (i.e. there through). When in the non-blocking configuration, the first damper element 50 is disposed such that air is able to circulate through the ~~return~~ primary output (e.g. fresh) air duct element 35.

Please amend the paragraph on page 20 lines 1 to 5 as follows:

The second damper element 52 is also displaceable independently of the first damper element 50 between a blocking configuration and a non-blocking configuration. When in the blocking configuration, the second damper element 52 is disposed to close off the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41 to air flow. When in the non-blocking configuration, the second damper element 52 is disposed such that air is able to circulate through the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41.

Please amend the paragraph on page 20 lines 23 to 26 as follows:

As may be seen from figures 4 to 7 the ~~return~~ primary output (e.g. fresh) air duct element 35 has an (outlet) opening 44a which communicates with the interior of the output heated air duct element 5a. Similarly the ~~further reflux~~ secondary output (e.g. fresh) air duct element 41 has an (inlet) opening 44 44b which communicates with the interior of the ~~return~~ primary output (e.g. fresh) air duct element 35.

Please amend the paragraph on page 24 lines 16 to 21 as follows:

The duct member 80a is coupled to the air inlet 92 of the manifold component or element 90 as well as to the return air output of the ventilator component 72. The reflux air duct 78 at one end is coupled to the second air outlet 96; the reflux air duct 78 is coupled at its other end to the input air duct 74 at a position between the furnace and the point of connection of the stale air duct element 78, i.e. the reflux duct element 82 is connected at a point downstream of the connection point for the stale air duct 78 but upstream of the furnace component 70.